TABLE 4.0-continued

MM Submission Elements (M-send.req message)

Name	Content	Max Leng	Description
From	From-value	N/A	MMS address previously provisioned into the MMS User Agent.
To	To-value	10 if MIN, unlimited if email	Recipient address.
Cc	Cc-value	10 if MIN, unlimited if email	Recipient address.
Subject	Subject-value	N/A	Subject of the message. Overly long subjects may be truncated during delivery.
X-Mms-Priority	Priority-value	N/A	Priority of the message. Low Normal High
Content-Type	Content-type-value	N/A	The content type of the message. Multipart/mixed for demo purposes.
Message Body	Message Body	N/A	Encoded Message body.

[0076] The UA 201, 202 encodes the X-MMS-Message-Type field above with "M-send.req", and generates a unique Transaction ID value for each M-send.req message in order to properly correlate each M-send.conf confirmation message that is returned from the MMSC 120. The Transaction ID may be a text string beginning with a known string such as "TCS", followed by arbitrary text characters (e.g., seven arbitrary text characters).

[0077] For all elements in the submission message the maximum length should preferably not be exceeded.

[0078] The MMS User Agent 201, 202 copies the current Pocket PC system Date and Time into the "Date" field, and copies its own MMS Address into the "From" field above. The UA 201, 202 copies the "To" and "Cc" addresses entered by the subscriber into the "To" and "Cc" fields above. The UA 201, 202 may also accept a comma-delineated list of addresses and copy those to the respective fields above.

[0079] The UA 201, 202 copies the "Subject" text entered by the subscriber into the "Subject" field above, and copies the "Priority" option entered by the subscriber into the "Priority" field above. The UA 201, 202 enters "multipart/mixed" as the "Content Type" value above, and encapsulates the MIME-encoded message parts (image/jpeg and text/plain) into the "Message Body" field above. See Example 3 below for an example of HTTP message encapsulation.

[0080] The UA 201, 202 copies the MMSC Address (URL) from the settings data to the "HOST" field. See example below.

[0081] The UA 201, 202 is POSTed to the hardcoded Submit path "/cgi-bin/sendreq.cgi". See Section III.

EXAMPLE 3.0

[0082] HTTP Encapslulation of an M-send.reg Message Formed and POSTed by the MMS User Agent

```
POST /cgi-bin/sendreq.cgi HTTP/1.1
Host: ooeygooey.telecomsys.com
Date: Sun, 16 May 2002 18:13:23 GMT
Content-encoding: 7bit
Content-Type: text/plain
Content-Length: 557
  X-Mms-Message-Type: m-send-req
  Date: XXXXX
  From: 4103036476
  To: 4103036475, demo2@yahoo.com
  Cc: demo@yahoo.com
  X-Mms-Priority: Normal
  Content-Type:        multipart/mixed;
  boundary=qazwsxedcrfvtgb;
  -- qazwsxedcrfvtgb
  Content-Type: image/jpeg
  qwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjkl
  zxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopas
  dfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnm
  -- qazwsxedcrfvtgb
  Content-Type: text/plain
  qwertyuiopasdfghjklzxcvbnmqwertyuiopasdfghjkl
  zxcvbnmqwertyuiopasdfghjklzxcvbnmqwertyuiopas
  dfghjklzxcvbnmqwertyuiopasdfghjklzxcvbnm
  -- qazwsxedcrfvtgb --
```

[0083] Submit Response

[0084] The MMS UA 201, 202 accepts an M-send.conf message encapsulated in the HTTP POST response message that is returned from the MMSC 120. The M-send.conf message may be formatted as follows: